Abstract

Ontology is a replica for knowledge portrayal and is used to articulate profile of user in personalized web information extraction. Earlier user profile was created based on either global knowledge base or local repository. This model extracts global knowledge from web crawler and combines it with user preference to obtain user background knowledge. Finally specificity is calculated based on semantic relations is-A and part-Of. The search results are more personalized and accurate. Hence this model is suggested for web information extraction.

References

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**Index Terms**

Computer Science

Information Sciences

**Keywords**

Ontology personalization user profile global repository user background knowledge